CLAIMS ONLY

APPLICANT(S)

FILING DATE

CLAIMS

L							Ť
	AS F	ILED	1st AMF	TER NDMENT	AFTER 2nd AMENDMENT		1
	IND.	DEP.	IND.	DEP.	IND.	DEP.	1
	IND.	DEF.	1110.	DEF.	1110.	DEF.	4
1	l						1
2							
3		- 1	<u></u>				
4							1
5		1					1
6		i		i -			1
7	1					 	1
		,		 			1
8				ļ			-{
9		 					4
10		<u> </u>					4
11		1					1
12							╛
13	1				l		
#14		1]
15		1			I		1
16		i				l	1
17	-	Ħ	i	 	<u> </u>		1
18		 			 		1
19		 	 	1		1	┨
20		 '-			-		1
	-	-		 		1	-
21			 	├ -	-	 	4
22			ļ	<u> </u>		ļ	4
23			<u> </u>	<u> </u>	<u> </u>	ļ	4
24	ļ <u>.</u>	<u> </u>	<u> </u>	ļ		<u> </u>	
25		<u> </u>	<u> </u>				
26		<u> </u>					╛
27		1					_
28							7
29					ļ		1
30							7
31		<u> </u>					1
32			1	<u> </u>		1	1
33		<u> </u>	 	1		1	┥.
34		1	+	 -	 	 	┥
35			+	 	 	 	4
36	 	<u> </u>	+	 	 	+	4
	 	 	+	 	 	1	\dashv
37	-	 	+	-		-	4
38	 	 	 	 	1	1	4
39	<u> </u>	<u> </u>	ļ	<u> </u>	ļ	ļ	4
40		<u> </u>		<u> </u>	ļ	1	_
41	ļ	1		1			_
42		<u> </u>			<u> </u>		╛
43							
44							7
45			1	Ì		1	٦
46		1	1 -		1	1	7
47	t	 	†	†	1	1	1
48	 	+	+	1	 	+	\dashv
49	1	+	1	 	 	+	\dashv
	-	 	-	 	+	+	-
50 TOTAL	1-3-		 		 		4
IND.	3			J			
TOTAL DEP.	17	—		—		—	
TOTAL	1/2	·			 		

ND DEP IND							-
51		*		*		*	
52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 99 99 100 TOTAL ITOTAL ITOTAL		IND.	DEP.	IND.	DEP.	IND.	DEP.
53	51						
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 77 77 77 77 78 79 80 81 82 83 84 85 86 89 90 91 92 93 94 95 96 97 98 99 1000 1000 1070AL DEP.	52						
55						<u> </u>	
56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Total Dep.	54						
57	55						
58 59 60 61 62 63 64 65 66 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Total, Indi.						<u> </u>	
59 60 60 61 62 63 64 64 65 66 66 67 67 68 68 69 70 70 71 72 73 74 75 75 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND.			<u> </u>			↓	
60 61 61 62 63 63 64 65 66 66 67 68 68 69 70 70 71 71 72 72 73 74 75 76 76 77 78 8 79 80 81 82 83 84 85 86 87 88 88 89 90 90 91 92 93 93 94 94 95 96 97 98 99 100 TOTAL IND.		<u> </u>	ļ			 	
61 62 63 64 65 66 66 67 68 69 70 70 71 71 72 72 73 74 75 76 77 78 78 79 80 81 82 83 84 85 86 87 88 88 89 90 91 91 92 93 93 94 94 95 96 97 98 99 99 100 TOTAL IND.			-	ļ	_		
62 63 64 64 65 66 66 67 68 68 69 70 70 71 72 73 74 75 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND.			<u> </u>		ļ <u>.</u>		
63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 1000 1000 1000 1000 1000 1000		!	<u> </u>	ļ		 	ļ
64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL IND. TOTAL IND.			ļ	 	 	-	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND. T		-	 	<u> </u>	 		1
66 67 68 68 69 70 70 71 71 72 73 74 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND. TO			-	 	 	+	1
67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL IND.		 	-	-	-	 	<u> </u>
68 69 70 70 71 72 73 74 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND. TOT			 	1	 	 	
69		 		1	 	 	
70		1	 	1		 	+
71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL T		 		+	1	 	
72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL TOTAL DEP.			 	 	· 		
73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL TOTA		-	 	╁	 		1
74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL TOTA		1	-	╅──		1	
75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL TOTA		 	+	1	<u> </u>	1	1
76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL COPP.		1	_	 	1	 	
77 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL COPP.			+	1	 	- 	 -
78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		-	 	1	 	1	<u> </u>
79 80 81 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		1	+ -	 	1	 -	
80 81 82 83 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND. TOTAL DEP.		1		†	1		
81		1		1	1		
83 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 91 100 TOTAL IND. TOTAL DEP.							
84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.	82	1					
85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 99 100 107AL IND. TOTAL DEP.	83						
86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 91 100 TOTAL IND. TOTAL DEP.	84						
87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.	85						
88 89 90 90 91 92 93 94 95 96 97 98 99 91 100 TOTAL IND. TOTAL DEP.							
89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.							
90 91 92 92 93 94 95 96 97 98 99 99 100 TOTAL IND. TOTAL DEP.							
91 92 93 94 95 96 97 98 99 100 TOTAL IND.		1		4			
92 93 94 95 96 97 98 99 100 TOTAL IND.		<u>i </u>	ļ	\bot			
93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.			1		1		4
94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		↓	\bot	-	ļ		1
95 96 97 98 99 100 TOTAL IND.		 	1		<u> </u>	-	
96 97 98 99 100 TOTAL IND.		_	 	-	-	1	-
97 98 99 100 TOTAL IND.	-	1	 	-	ļ		
98 99 100 TOTAL IND. TOTAL DEP.			+		-	 	
99 100 TOTAL IND. TOTAL DEP.			-		 _	4	-
TOTAL IND. TOTAL DEP.		-	<u> </u>	╀		-	
TOTAL IND. TOTAL DEP.		-	-				-
TOTAL DEP.		 	+	 	+	ļ	
DEP.	IND.		▋▗▐			L	
TOTAL	DEP.		-		-		- (— *
I VLAIMO I	TOTAL CLAIMS	1					

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

 $\mathcal{P}(x_d)$

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office